

AMPHIPOD NEWSLETTER 26

March 2004.

BIBLIOGRAPHY AMPHIPOD NEWSLETTER 26

As usual, I want to thank everybody who has assisted with references, reprints and other information; I am increasingly dependent on your help, as our library has to crimp and save more every year. Special thanks go to Egor Vinogradov for his assistance with Russian literature, to Shuqiang Li for sending Chinese papers, and to Franz Krapp for a regular supply of data from the internet. Cédric d'Udekem d'Acoz ably assisted with the dat-technical aspects. Please let me know, if you find omissions or mistakes. I am always most grateful for amphipod reprints (Wim Vader, Tromsø Museum, N-9037 Tromsø, Norway), in return, I regularly assist colleagues with copies of hard to get papers

Tromsø, March 2004
Wim Vader (wim@tmu.uit.no)

ADIN, R. & P. RIERA 2003. Preferential food source utilization among stranded macroalgae by *Talitrus saltator* (Amphipod, Talitridae). A stable isotopes study in the northern coast of Brittany, France. ---- *Estuarine, Coastal and Shelf Science* 56, 91-98.

AIKINS, S. & E. KIKUCHI 2003. Grazing pressure by amphipods on microalgae in Gamo Lagoon, Japan. ---- *Marine Ecology Progress Series* 245, 171-179.

ALJETJAWI, A. A. & K. LEONARDSSON 2003. Survival during adverse seasons reveals size-dependent competitive ability in a deposit-feeding amphipod, *Monoporeia affinis*. ---- *Oikos* 101, 164-170

ALVES, F., L. CHICHARO, A. NOGUEIRA & J. REGALA 2003. Changes in benthic community structure due to clam dredging on the Algarve coast and the importance of seasonal analysis. ---- *Journal of the Marine Biological Association UK* 83, 719-729. (Amph. on p. 723)

ALONSO DE PINA, G. M. 2003. Two new species of *Metharpinia* Schellenberg (Amphipoda. Phoxocephalidae) from the south-west Atlantic. ---- *Journal of Natural History* 37, 2521-2545. (Deals with *Metharpinia dentiuerosoma* n.sp. and *M. grandirama* n.sp. (both from Buenos Aires, El Rincon), with a discussion on the genera *Metharpinia* and *Microphoxus*.)

ALONSO DE PINA, G. M. & R. GIUFFRA 2003. (Taxonomy, distribution and notes on four species of ectoparasites of Cetacea (Crustacea: Amphipoda: Cyamidae).) ---- *Revista del Museo Argentino de Ciencias Naturales*, N.S. 5, 39-62. (In Spanish. Deals with *Cyamus erraticus*, *C. gracilis*, *C. ovalis*, and *C. (Paracyamus) boopis*.)

AMUNDSEN, P.A., R. KNUDSEN, A. M. KURIS & R. KRISTOFFERSEN 2003. Seasonal and ontogenetic dynamics in trophic transmission of parasites. -- *Oikos* 102, 285-293. (A cestode and a nematode with char as final host and *Gammarus* as intermediate host.)

APPADOO, C. & A. A. MYERS 2003. Observations on the tube-building behaviour of the marine amphipod *Cymadusa filosa* Savigny (Crustacea: Ampithoidae). ---- *Journal of Natural History* 37, 2151-2164.

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BARBEAU, M. A. & L. A. GRECIAN 2003. Occurrence of intersexuality in the amphipod *Corophium volutator* (Pallas) in the upper Bay of Fundy. ---- *Crustaceana* 76, 665-679.

BAUMGARTNER, D. J., A. D. JUNGBLUTH, U. KOCH & E. von ELERT 2002. Effect of infochemicals on microhabitat choice by the freshwater amphipod *Gammarus roeseli*. ---- *Archiv für Hydrobiologie* 155, 353-367.

BAUMGÄRTNER, D., U. KOCH & K. O. ROTHAUPT 2003. Alteration of kairomone-induced antipredator response of the freshwater amphipod *Gammarus roeseli* by sediment type. ---- *Journal of Chemical Ecology* 29, 1391-1401.

BAY, S. M., A. JIRIK & S. ASATO 2003. Interlaboratory variability of amphipod sediment toxicity tests in a cooperative regional monitoring system. -- *Environmental Monitoring and Assessment* 81, 257-268. (Tests with *Eohaustorius aestuarius*)

BEREZINA, N. A. & V. E. PANOV 2003. (Establishment of the Baikalian amphipod *Gmelinoides fasciatus* (Amphipoda, Crustacea) in Lake Onega.) ---- *Zoologichesky Zhurnal* 82, 731-734. (In Russian. Now extremely common here.)

BEREZINA, N.A. & V.E.PANOV 2004. Distribution, population structure and salinity tolerance of the invasive amphipod *Gmelinoides fasciatus* (Stebbing) in the Neva estuary (Gulf of Finland, Baltic Sea). ---- *Hydrobiologia* 514, 199-206

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BERGE, J. 2004. The subfamily Andaniopsinae (Crustacea: Amphipoda: Stegocephalidae): Description of one new species and redescription of *Steleuthera maremboca*. ---- *Journal of Natural History* 38, 1385-1395. (*Andaniopsis isaki* n.sp from 32°N, 79°W.)

BERGE, J. & W. VADER 2003. Description of two new *Glorandaniotes* species (Amphipoda: Stegocephalidae). ---- *Journal of Crustacean Biology* 23, 633-643. (*G. vema* n.sp. from 28°28' S, 44°22'E, 2270m; *G. norae* n.sp. from 11°12'S, 88°48' W, 4475m. The genus *Glorandaniotes* probably needs to be split up.)

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BERNARD, K. S. & P. W. FRONEMAN 2003. Mesozooplankton community structure and grazing impact in the Polar Frontal Zone of the south Indian Ocean during austral autumn 2002. ---- *Polar Biology* 26, 268-275.

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Portuguese. The dominant amphipods were *Elasmopus pectenicrus*, *Hyale media* and *Ericthonius brasiliensis*.)

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BRADY, L. & B. C. COWELL 2003. Colonization of fine particulate matter by invertebrates in a Central Florida stream. ---- *Invertebrate Biology 122*, 83-92. (*Gammarus tigrinus* dominant)

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CHAPMAN, M. A. 2002. Australasian species of *Paracorophium*: the separate identities of *P. excavatum* (Thomson). ---- *Journal of the Royal Society of New Zealand* 32, 203-228. (Not seen)

CHAPMAN, M. A. 2003. A revision of the freshwater amphipod genus *Phreatogammarus* in New Zealand. Part 1: A redescription of *P. helmsii* Chilton, 1918 and a new species from Northland. ---- *Journal of the Royal Society of New Zealand* 33, 633-661. (Deals with *P. helmsii* and the new species *P. waipoua* n.sp, found in two forests in Northland, NZ.9

CHAPMAN, M.A., I. D.HOGG, K. E. SCHNABEL & M. I. STEVENS 2002. Synonymy of the New Zealand corophiid amphipod genus, *Chaetocorophium* Karaman, 1979, with *Paracorophium* Stebbing, 1899: morphological and genetic evidence. ---- *Journal of the Royal Society of New Zealand* 32, 229-241. (*P. lucasi* returns to *Paracorophium*; its redescription by Hurley contained a few errors, which misled Karaman.)

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CHINTIROGLOU, C.-C., P. DAMIANIDIS, C. ANTONIADOU, M. LANTZOUNI & D. VAFIDIS 2004. Macrofauna diversity of mussel bed assemblages in Thermaikos Gulf (northern Aegean Sea). ---- *Helgoland Marine Research 58*, 62-70.

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CLASON, B., S. DUQUESNE, M. LIESS, R. SCHULZ & G.-P. ZAUKE 2003. Bioaccumulation of trace metals in the Antarctic amphipod *Paramoera walkeri* (Stebbing, 1906): Comparison of two-compartment and hyperbolic toxicokinetic models. ---- *Aquatic Toxicology 65*, 117-140.

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DEVIN, S., C. PISCART, J. N. BEISEL & J. C .MORETEAU 2003. Ecological traits of the amphipod invader *Dikerogammarus villosus* on a mesohabitat scale. ---- *Archiv für Hydrobiologie 158*, 43-56

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- ERICKSON, J. M. & T. D. BOUCHARD 2003. Description and interpretation of *Sanctum laurentiensis*, new ichnogenus and ichnospecies, a domicilium mined into Late Ordovician (Cincinnatian) ramose bryozoan colonies. ---- *Journal of Paleontology* 77, 1002-1010. (Likely made by ‘multiple individuals of amphipod-like crustaceans that fed outside their domicile’.)

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GUERRA-GARCIA, J. M. 2003. The caprellidean Amphipoda from the subantarctic islands of New Zealand and Australia, with the description of a new genus and two new species. ---- *Scientia Marina* 67, 177-194. (Deals with *Caprellina longicollis*, *Caprellinoides mayeri*, *Caprella equilibra*, *C. manneringi*, *Pseudaeginella campbellensis* n.sp. (Campbell Island, NZ), and *Caprellaporema subantarctica* n. gen., n. sp. (Caprellidae, Antipodes Islands, NZ).)

GUERRA-GARCIA, J. M. 2003. Caprellids (Crustacea: Amphipoda) from Papua New Guinea, with the description of a new species. ---- *Helgoland Marine Research* 57, 100-109 (Deals with *Metaprotella novaehollandiae*, *Protogeton inflatus*, *Pseudoprotoceratops papua* n.sp. (Manouoha Isl., near Madang, PNG), *Quadrisegmentum triangulum*, *Hemiaeginina minuta*, *Metaprotella sandalensis* and *Pseudaeginella biscaynensis*. A key to all PNG species is provided.)

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Paracaprella alata (of which *C. tasmanienensis* is a synonym). A key is provided.)

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HENDRYCKS, E. A. & K. E. CONLAN 2003. New and unusual abyssal gammaridean Amphipoda from the north-east Pacific. ---- *Journal of Natural History* 37, 2303-2368. (This beautiful paper deals with material from off California, chiefly Station M at 34°50'N, 123°00'W (4100m), as follows: *Cyphocaris latirama* n.sp., *Procyphocaris indurata*, *Anisocallisoma armigera* n.gen., n.sp. (Scopelocheiridae), (*Eucallisoma glandulosa*), *Paracallisoma spinipoda* n.sp., *Scopelocheiopsis abyssalis*, *Paralicella caperesa*, *Schisturella spinirama* n.sp., *S. r. robusta*, *Hyperiopsis* sp., *Halice aculeata*, *Macroarthrus victoriae* n.gen., n.sp. (Pardaliscidae), *Pardaliscopsis tenuipalpa*, *Octomana hadromischa* n.gen., n. sp. (Pardaliscidae) , *Rhachotropis distincta*, *Cleonardo biscayensis*, *C. macrocephala*, *Triquetramana brevipalpa* n.gen., n. sp. (Eusiridae) and *Oedicerina denticulata* n.sp. –with key to *Oedicerina* spp.)

HIWATARI, T. 2003. Taxonomic studies on *Hyale* (Crustacea, Amphipoda, Hyalidae) from the coast of Japan and adjacent waters. ---- *Publications of the Seto Marine Biological Laboratory* 39, 229-262. (Deals with *Hyale bassargini*, *H. kajiharai* n.sp. (Hachijo island), *H. nuda* n.sp. (also Hachijo island), *H. triangulata* n.sp. (Kawaga prefecture), *H. misakiensis* n.sp. (Kanagawa pref.), *H. latimana* n.sp. (Kagoshima pref.), *H. affinis* and *H. honoluluensis*. A key to Japanese *Hyale* is presented.)

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HOU, Zh-e & S. LI 2003. Two new freshwater gammarids (Crustacea: Amphipoda) from Lake Lugu, China. ---- *Revue Suisse de Zoologie* 110, 547-564. (*G. curvativus* n.sp. and *G. ninglangensis* n.sp.; both in the *pulex*-group)

HOU, Zh.-e. & S. LI 2003. *Gammarus electrus*, a new species of amphipod from Beijing , China (Crustacea, Amphipoda, Gammaridae). ---- *Acta Zootaxonomica Sinica* 28, 241-248.

HOU, Zh-e & S. LI 2003. A new species of blind Gammaridea from China (Crustacea, Amphipoda). ---- *Acta Zootaxonomica Sinica* 28, 448-454. (*Gammarus aoculus* n.sp. from Hainan province, a species in the *pulex*-group.)

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HOU, Zh-e. & S. LI 2003. A new cave amphipod of the genus *Gammarus* from Yunnan, China. ---- *Crustaceana* 76, 917-925. (*G. platvoeti* n.sp. from Kunming City, Yunnan, China)

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KING, R.A. & J. M. C. HOLMES 2004. A new species of *Ischyrocerus* (Crustacea: Amphipoda) from Ireland, with a review of *Ischyrocerus anguipes* and *Ischyrocerus minutus* from the North-East Atlantic. ---- *Journal of Natural History* 38, 1757-1772. (Not seen. *I. fractus* n.sp. from Lough Hine, S.Ireland. *I. minutus* Liljeborg is a valid taxon and is revived; it is common along British shores.)

KING, R.A., A.A.MYERS & D. McGRATH 2004. The *Ampelisca aequicornis* group of species (Amphipoda: Ampeliscidae) with a key, and a description of *Ampelisca eclimensis* sp. nov. from Ireland. ---- *Journal of the Marine Biological Association UK* 84, 155-164. (Deals with *Ampelisca aequicornis*, *A. eclimensis* n.sp. (NW Mayo, Ireland) and *A. sorbei*.)

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KRAPP-SCHICKEL, T. 2003. *Linguimaera* Pirlot, 1936 (Crustacea, Amphipoda, Melitidae), a valid genus. ---- *Memoirs of Museum Victoria* 60, 123-149. (A further chapter in Traudl's fascinating *Maera*-saga. Pirlot's genus *Linguimaera* is revived, with *L. pirloti* n.sp. (= *L. othonides* s. Pirlot, nec *Maera othonides* Walker) from Sulawesi, Indonesia, as type species. This species is fully described here, along with *L. bogombogo* n.sp. (Eniwetok, Micronesia), *L. caesaris* n.sp. (Caesarea, Israel), *L. garitima* n.sp. (Flinders isl, Tasmania), *L. kellissa* n.sp. (Wilson's promontory, Victoria, Austr.), *L. leo* n.sp. (Port Phillip Bay, Victoria, Austr.), *L. mannarensis*, *L. sp.* and *L. tias* n.sp. (Otago harbour, New Zealand). A key is provided. *Maera othonides* Walker is considered a species dubia.)

KRAVTSOVA, L.S., E.B. KARABANOV, R.M. KAMALTYNOV, I.V. MEKHANIKOVA, T.Ya. SITNIKOVA, N.A. ROZHKOVA, Z.V. SLUGINA, L.A. IZHBOLDINA, I.V. WEINBERG, T.V. AKINSHINA, S.K. KRIVONOJOV & D.Y. SHCHERBAKOV 2003. (Macrozoobenthos of subaqueous landscapes in shoal of southern Lake Baikal. 1. Local diversity of bottom population and peculiarities of its spatial distribution.) ---- *Zoologichesky Zhurnal* 82, 307-317. (In Russian. Amph. on pp 309-310)

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ion the unique species *Crymostygius thingvallensis* n.gen., n.sp. from Thingvallavatn, Iceland. This large subterranean amphipod comes as a complete surprise!)

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KRÖNCKE, I., M. TÜRKAY & D. FIEGE 2003. Macrofauna communities in the eastern Mediterranean deep sea. ---- *P.S.Z.N.: Marine Ecology* 24, 193-216.

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KURDZIEL, J. P. & L. L. KNOWLES 2002. The mechanics of morph determination in the amphipod *Jassa*: Implications for the evolution of alternative male phenotypes. ---- *Proceedings of the Royal Society of London B* 269, 1749-1754.

LABAY, V.S. 2002. (*Some patterns of Kamaka kuthae Derzhavin, 1923 population (Amphipoda, Corophiidae) from the Piltun lagoon.*) ---- Pp 277-283 in (Water life biology, resources status and condition of inhabitation in the Sakhalin-Kurile region and adjoining water areas.). Transactions of SakhNIRO 4, Yuzhno-Sakhalinsk. (In Russian)

LADEWIG, V., D. JUNGMANN, A. KOEHLER, M. SCHIRLING, R. TRIEBSKORN & R. NAGEL 2003. Intersexuality in *Gammarus fossarum* Koch, 1835 (Amphipoda). ---- *Crustaceana* 75, 1289-1299.

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LAINÉ, A.O., K. LUEDEKARI, M. POIKONEN & M. VIITASALO 2003. A comparison between 1928 and 2000 indicates major changes in the macrozoobenthos species composition and abundance on the SW coast of Finland (Baltic Sea). ---- *Proceedings of the Estonian Academy of Sciences, Biology-Ecology* 52, 3-16.

LARSEN, K. 2003 Proposed new standardized anatomical terminology for the Tanaidacea. ---- *Journal of Crustacean Biology* 23, 644-661. (A paper well

worth studying also for amphipod workers. The proposed terminology, although logical, deviates strongly in some respects from what is in general use for amphipods, and would therefore make keys to the peracarids still harder to construct.)

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LEE, B.-H. 2001. Korea (South Korea and North Korea). ---- *Encyclopedia Biospeologica* 3, 1869-1881. (Amph. pp. 1872-1873: 3 spp)

LESTER, G. T. & W. H. CLARK 2002. Occurrence of *Corophium spinicorne* Stimpson, 1857 (Amphipoda: Corophiidae) in Idaho, USA. ---- *Western North American Naturalist* 62, 230-233. (2 sites in the Snake river.)

LEWIS, J. J., P. MOSS, D. TECIC & M. E. NELSON 2003. A conservation focused inventory of subterranean invertebrates of the southwestern Illinois karst. ---- *Journal of Cave and Karst Studies* 65, 9-21. (*Gammarus acherondytes*, one of four endemic species, was found at 6 new localities.)

LÖRZ, A.-N. 2003. Studies on the biodiversity of Antarctic benthic Amphipoda (Malacostraca, Crustacea). ---- *Berichte zur Meeres- und Polarforschung* 452, 1-148. (This is Anne-Nina Lörz's PhD thesis. Congratulations!! The papers will be (pp have been) annotated separately when published in the journals concerned.)

LÖRZ, A.-N. & A. BRANDT 2003. Diversity of Peracarida (Crustacea, Malacostraca) caught in a suprabenthic sampler. ---- *Antarctic Science* 15, 433-438.

LÖRZ, A.-N. & A. BRANDT 2004. Phylogeny of Antarctic *Epimeria* (Epimeriidae: Amphipoda). ---- *Journal of the Marine Biological Association UK* 84, 179-190. (An extensive cladistic analysis)

LÖRZ, A.-N. & C. O. COLEMAN 2003. *Dikwa andresi*, a new amphipod crustacean (Dikwidae) from the Scotia Arc. ---- *Journal of the Marine Biological Association UK* 83, 785-788. (S. of Falkland islands)

LÖRZ, A.-N. & C. DE BROYER 2004. Description and ecology of a sponicolous amphipod (Crustacea) from Antarctica. ---- *Journal of Natural History* 38, 889-899. (*Pseudokoroga spongiophila* n.sp. from three species of Demospongiae in the Eastern Weddell Sea.)

LÖRZ, A.-N. & C. HELD 2003. A preliminary molecular and morphological phylogeny of the Antarctic Epimeriidae and Iphimediidae (Crustacea, Amphipoda). ---- *Berichte zur Polar- und Meeresforschung* 452, 66-77. (Not seen)

LOWRY, J. & P. BERENTS 2002. The genus *Cerapus* in the Andaman Sea (Crustacea, Amphipoda, Ischyroceridae). ---- *Phuket Marine Biological Center Special Publication* 23, 189-196. (Deals with *C. chaomai* n.sp. (Phuket island, Thailand) and *C. yuyatalay* n.sp. (Sikao district, Trang, Thailand).)

LOWRY, J.K. & A.A.MYERS 2003. New amphipod crustaceans from the Indo-West Pacific (Amathilopsidae: Eusiridae: Iphimediidae). ---- *The Raffles Bulletin of Zoology* 51, 219-256. (Deals with *Jeanjustia pedra* n.gen., n.sp. (Amathilopsidae; SE of Southeast Cape, Pedra Seamount, 44°24'S, 147°09'E, 1400-1650m), *Oradarea dawa* n.sp. (N.Caledonia), *Coboldus mberensis* n.sp. (N. Caledonia), *Iphimedia caledoniana* n.sp. (N.Caledonia), *I. damawan* n.sp. (Madang Lagoon, Papua New Guinea), *I. maitrensis* n.sp. (N.Caledonia), *I. mizegwadan* n.sp. (Madang Lagoon, Papua New Guinea), *I. phuketensis* n.sp. (Phuket, Thailand), *I. rachanoi* n.sp. (Phuket, Thailand), *Curidia knoxi* n.sp. (The Snares, S. of New Zealand) and *C. ramonae* n.sp. (Madang Lagoon, Papua New Guinea). There are also notes on the occurrence of cuticular scales in amphipods.)

LOWRY, J. K. & H. STODDART 2002. First records of lysianassoid amphipods (Crustacea) from the Andaman Sea. ---- *Phuket Marine Biological Center, Special Publication* 23, 165-183. (Erects the new family Amaryllididae--type genus *Amaryllis*, further genera *Bathyamaryllis*, *Erikus*, *Pseudamaryllis* and *Vijaya*. *Vijaya tenuipes* Walker is rediscovered and redescribed. In the discussed genus *Lepidepecreum* *L. andamanensis* n.sp. (recte *andamanense*) is described from Phuket, Thailand, and *L. hirayamai* n.sp. (=*L. vitjazi* s. Hirayama) from Japan. *L. lukini* is transferred from *Orchomenella*. *L. somchaii* n.sp. was also collected at Phuket, Thailand, and *L. takeuchii* n.sp. (= *L. gurjanovae* s. Hirayama & Takeuchi) from Japan.)

LOWRY, J. K. & H. E. STODDART 2003. *Crustacea: Malacostraca: Peracarida: Amphipoda, Cumacea, Mysidacea*. In: P.L.Beesley & W.W.K.Houston (eds). *Zoological Catalogue of Australia* 19.2B. CSIRO Publishing, Melbourne, 531 pp. (An indispensable book for everybody studying Australian amphipods, and very important also for other colleagues. This volume gives a complete survey of present knowledge on Australian amphipods)

LOWRY, J. K. & M. WATSON 2002. Revision of the gammarellid group, with a new species from the Andaman Sea (Crustacea, Amphipoda, Melitidae) . ----

Phuket Marine Biological Center Special Publication 23, 197-212. (A thorough cladistic analysis: *Cottesloe* is synonymized with *Gammarella*, and both *Tabatzius* and *Valettiella* with *Nuuuanu*. *Nuuuanu kata* n.sp. is described from Phuket island, Thailand. A key to all species in the group is provided.)

LOZANO, S. J., M. L. GEDEON & P. F. LANDRUM 2003. The effects of temperature and organism size on the feeding rate and modelled chemical accumulation in *Diporeia* spp for Lake Michigan sediments. ---- *Journal of Great Lakes Research* 29, 79-88.

LUPPOVA, E. N. 2003. (*Ecology of common species of intertidal gammarids Lagunogammarus oceanicus (Segerstråle, 1947) and Gammarus duebeni (Lilljeborg, 1851) in the Barents and White seas*. ---- Pp 240-325 in G.G.Matishov (ed.). (Fauna of the invertebrates of the Barents, the Kara and White seas (information technologies, ecology, biogeography). Apatity Izd-vo KNTz RAN (in Russian)

MacNEIL, C., E. BIGSBY, J. T .A. DICK, M. J. HATCHER & A. M. DUNN 2003. Different physico-chemical tolerances and intraguild predation among native and invasive amphipods (Crustacea): A field study. ---- *Archiv für Hydrobiologie* 156, 165-179.

MacNEIL, C., E. BIGSBY, J. T. A. DICK, H. B. N. HYNES, M. J. HATCHER & A. M. DUNN 2003. Temporal changes in the distribution of native and introduced freshwater amphipods in Lough Neagh, Northern Ireland. ---- *Archiv für Hydrobiologie* 157, 379-395.

MacNEIL, C., J. T. A. DICK, M. J. HATCHER, N. J. FIELDING, K. D. HUME & A. M. DUNN 2003. Parasite transmission and cannibalism in an amphipod (Crustacea). ---- *International Journal for Parasitology* 33, 795-798.

MacNEIL, C., J. T. A. DICK, M. J. HATCHER, R. S. TERRY, J. E. SMITH & A. M. DUNN 2003. Parasite-mediated predation between native and invasive amphipods. ---- *Proceedings of the Royal Society, Biological Sciences, Series B* 270, 1309-1314.

MacNEIL, C., N. J. FIELDING, K. D. HUME, J. T. A. DICK, R. W. ELWOOD, M. J. HATCHER & A. M. DUNN 2003. Parasite altered microdistribution of *Gammarus pulex* (Crustacea: Amphipoda). ---- *International Journal of Parasitology* 33, 57-64. (The parasite is the acanthocephalan *Echinorhynchus truttae*.)

- MADURELL, T. & J. E. CARTES 2003. The suprabenthic peracarid fauna collected at bathyal depths in the Ionian Sea (Eastern Mediterranean). ---- *Crustaceana* 76, 611-624. (Amph. on pp 616-618. *Arrhis mediterraneus*, *Bathymedon longirostris*, *Oedicerooides pilosus*, *Pardaliscooides stebbingi* and *Syrrhoe affinis* are new to the eastern Mediterranean.)
- MAKHUTOVA, O. N., G. S. KALACHOVA & M. I. GLADYSHEV 2003. A comparison of the fatty acid composition of *Gammarus lacustris* and its food sources from a freshwater reservoir, Bugach, and the saline lake Shira in Siberia, Russia. ---- *Aquatic Ecology* 37, 159-167.
- MARANHAO, P. & J. C. MARQUES 2003. The influence of temperature and salinity on the duration of embryonic development, fecundity and growth of the amphipod *Echinogammarus marinus* Leach (Gammaridae). ---- *Acta Oecologica* 24, 5-13.
- MARSDEN, I. D., P. S. RAINBOW & B. D. SMITH 2003. Trace metal concentrations in two New Zealand talitrid amphipods: Effects of gender and reproductive state and implications for biomonitoring. ---- *Journal of Experimental Marine Biology & Ecology* 290, 93-113. (*Transorchestia chiliensis* and *Talorchestia quoyana*. The former seems to be a suitable trace metal biomonitor in NZ coastal waters.)
- MASSIN, C., J. MALLEFET & A. NORRO 2002. Scientific diving, a new tool for monitoring in-situ North Sea biodiversity: preliminary results. ---- *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Biologie*, 72 Suppl., 17-18.
- MASSIN, C., A. NORRO & J. MALLEFET 2002. Biodiversity of a wreck from the Belgian Continental Shelf: monitoring using scientific diving. Preliminary results. ---- *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Biologie* 76, 67-72.
- MAY, B.M., V. DECU & C. JUBERTHIE 2001. Nouvelle-Zélande. ---- *Encyclopedia Biospeologica* 3, 2079-2091 (Amph. pp. 2082-2083: 2 spp)
- MENG, K., Zh-e HOU & S. LI 2003. A new species from Xinjiang, China (Crustacea, Amphipoda, Gammaridae). ---- *Acta Zootaxonomica Sinica* 28, 621-628. (*Gammarus decorosus* n. sp. from the Xinjiang Uygur Autonomic Region. Close to *G. nekkensis* and *G. stagnarius*.)

MELNIKOV, I. A., E. G. KOLOSOVA, H. E. WELCH & L. S. ZHITINA 2002. Sea ice biological communities and nutrient dynamics in the Canada basin of the Arctic Ocean. ---- *Deep-Sea Research I* 49, 1623-1649.

MESSANA, G. 2001. Somalia. ---- *Encyclopedia Biospeologica* 3, 1689-1700. (Amph. p. 1697: 4 spp)

METZELING, L., B. CHESSMAN, R. HARDWICK & V. WONG 2003. Rapid assessment of rivers using macroinvertebrates. The role of experience, and comparisons with quantitative methods. ---- *Hydrobiologia* 510, 39-52.

MEYERDIRKS, J., N. HEMMER & M. SCHIRMER 2003. Die Bodenfauna der Weserwatten zwischen Bremen und Bremerhaven. ---- *Abhandlungen der Naturwissenschaftlichen Verein Bremen* 45, 455-464. (Amph. p. 457: 4 spp)

MOORE, B. P., W. F .HUMPHREYS, V. DECU & C. JUBERTHIE 2001. Australie. ---- *Encyclopedia Biospeologica* 3, 2055-2078. (Amph. pp 2059-2060: 45 spp)

MOORE, S. E., J. M. GREBMEIER & J. R. DAVIES 2003. Gray whale distribution relative to forage habitat in the northern Bering Sea: Current conditions and retrospective summary. ---- *Canadian Journal of Zoology* 81, 734-742.

MYERS, A.A. 2002. Marine amphipods of the families Aoridae and Neomegamphopidae from Phuket, Thailand. ---- *Phuket Marine Biological Center, Special Publication* 23, 213-228. (Deals with *Wombalano rachayai* n.sp., *Bemlos quadrimanus*, *B. delicatissima* n.sp., *Grandidierella bonnieroides*, *G. gilesi*, *Leptocheirus dufresni*, *Protolembos tegulapodus* n.sp., *Xenocheira* sp, and *Konatopus storeyae* n.sp..)

NALEPA, T. F., D.L. FANSLOW & M. L. TUCHMAN 2002. Current trends in the abundance of the benthic amphipod *Diporeia* in southern Lake Michigan. --- *Proceedings of the 45th Conference on Great Lakes Research*, 91-92. (The decline continues)

NEHMER, P. & I. KRÖNCKE 2003. Macrofaunal communities in the Wichter Ee, a channel system in the East Frisian Wadden Sea. ---- *Senckenbergiana Maritima* 32, 1-10.

NEIDEMANN, R., J. WENNGREN & E. OLAFSSON 2003. Competition between the introduced polychaete *Marenzelleria* sp. and the native amphipod

Monoporeia affinis in Baltic soft bottoms. ---- *Marine Ecology Progress Series* 264, 49-55.

NIKITIK, C. C. S. & A. W. ROBINSON 2003. Patterns in benthic populations in the Milford Haven waterway following the 'Sea Empress' oil spill with special reference to amphipods. ---- *Marine Pollution Bulletin* 46, 1125-1141. ('A decline in the amphipod fauna was observed, with the genera *Ampelisca* and *Harpinia* and the family Isaeidae particularly affected.' Clear signs of recovery after five years.)

NOËL, P.Y. 2003. Les Crustacés du Parc National de Port-Cros et de la région des îles d'Hyères (Méditerranée), France. État actuel des connaissances. ---- *Scientific reports Port-Cros National Park* 19, 135-306. (Amphipods on pp 145-195.)

NORDERHAUG, K. M. 2004. Use of red algae as hosts by kelp-associated amphipods. ---- *Marine Biology, Berlin* 144, 225-230.

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OHJI, M., T. ARAI & N. MIYAZAKI 2003. Chronic effects of tributyltin on the caprellid amphipod *Caprella danilevskii*. ---- *Marine Pollution Bulletin* 46, 1263-1272.

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OKEY, T. A. 2003. Macrofauna colonist guilds and renegades in Monterey Canyon (USA) drift algae: Partitioning multidimensions. ---- *Ecological Monographs* 73, 415-440. (Not seen)

OLIVA-RIVERA, J. J. 2003. The amphipod fauna of Banco Chincorro, Quintana roo, Mexico with ecological notes. ---- *Bulletin of Marine Science* 73, 77-89. (26 spp, listed on p.80.)

O'REILLY, M. 2002. A new species of parasitic copepod, *Sphaeronella keppelensis* n.sp. (Siphonostomatoidea: Nicothoidae), from the amphipod *Orchomene nanus* (Kroyer, 1846) in the Firth of Clyde, Scotland. ---- *Glasgow Naturalist* 24, 83-91.

ORTIZ, M. 2001. (Behaviour of *Grandidierella bonnieroides* (Crustacea, Amphipoda) during tube construction and food capture. ---- *Cocuyo* 10, 4. (In Spanish)

ORTIZ, M. & A. JUARRERO DE VERONA 2002. (About the two morphs of *Hyalella azteca* (Crustacea: Amphipoda: Gammaridea) in Cuba. ---- *Cocuyo* 12, 5-6 (In Spanish).

ORTIZ, M. & R. LALANA 2002. (A new species of amphipod of the genus *Spathiopus* (Gammaridea, Melitidae) of the western shelf of Cuba.) ---- *Avicennia* 15, 31-36. (In Spanish, not seen. *S. cojimarensis* n.sp.)

ORTIZ, M. & R. LALANA 2002. (First record for the Caribbean Sea, and the Cuban archipelago, of the amphipod genus *Neoischyrocerus* (Amphipoda, Ischyroceridae), with the description of a new species from Cuba.) ---- *Avicennia* 15, 37-42. (In Spanish, not seen. *N. vidali* n.sp.)

ORTIZ, M., R. LALANA & C. VARELA 2002. (Description of a teratological stage in an amphipod (Gammaridea, Aoridae) from Cuban waters.) ---- *Cocuyo* 12, 5. (In Spanish. *Audulla chelifera*)

ORTIZ, M., R. LALANA & C. VARELA 2002. (Description of the female of *Spathiopus cojimarensis* (Amphipoda: Melitidae). ---- *Solenodon* 2, 17-20 (In Spanish)

ORTIZ, M., R. LALITA, C. VARELA & A. RIBIST 2002. (New registrations of marine peracarid crustaceans from Cuba.) ---- *Cocuyo* 12, 6. (In Spanish. *Colomastix bousfieldi* and *Tropidochelura gomezi*.)

OWENS, R.W. & D. E. DITTMAN 2003. Shifts in the diet of slimy sculpin (*Cottus cognatus*) and lake whitefish (*Coregonus clupeaformis*) in Lake Ontario following the collapse of the burrowing amphipod *Diporeia*. ---- *Aquatic Ecosystem Health & Management* 6, 311-323.

ÖZBEK, M., M. R. USTAOGLU & S. BALIK 2003. Contribution to knowledge of the variations and ecology of *Echinogammarus antalyae* Karaman, 1971 (Crustacea, Amphipoda). ---- *Zoology in the Middle East* 29, 113-115.

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PAULAY, G., R. KROPP, P. K. L.NG & L .G. ELDREDGE 2003. The crustaceans and pycnogonids of the Mariana Islands. ---- *Micronesica* 35/36, 456-513. (18 amphipod species listed on pp 478-479.)

PEART, R. A. 2002. New species of Ampithoidae (Crustacea, Amphipoda, Corophioidea) from the Andaman Sea. ---- *Phuket Marine Biological Center Special Publication* 23, 229-252. (Deals with *Ampithoe rachanoi* n.sp., *Cymadusa aungtonya* n.sp., *C. chalongana* n.sp. and *C. panwa* n.sp. , all from Phuket island, Thailand.)

PEART, R. A. 2004. A revision of the *Cymadusa filosa* complex (Crustacea: Amphipoda: Corophioidea: Ampithoidae). ---- *Journal of Natural History* 38, 301-336. (Deals with *Cymadusa filosa* (a neotype is established), *C. ledoyerii* n.sp. (Tuléar, Madagascar), *C. tattersalli* n.sp (Cockburn Sound, W. Australia), *C. imbroglio*, *C. setosa* and *C. vadosa*. A key is provided.)

PECK, L. S. & G. CHAPELLE 2003. Reduced oxygen at high altitude limits maximum size. ---- *Proceedings of the Royal Society of London B (Suppl.)* ?, ??-??.

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(Amphipoda: Gammaridea: Lysianassoidea) from the Atacama trench (South-East Pacific Ocean). ---- *Journal of the Marine Biological Association UK* 82, 419-425.

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(Amph. on p. 442)

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RIBA, I., T.A. DellVALLS, J. M. FORJA, A. GOMEZ-PARRA & M. CONRADI 2002. *Using the clam Scrobicularia plana and the amphipod Ampelisca brevicornis to determine sediment toxicity in the Guadalquivir Estuary after the Aznalcollar mining spill.* ---- Pp 101-108 in M. Pellei, A. Porta

& R.E.Hinchee (eds). Characterization of contaminated sediments. Battelle Memorial Institute, USA

RIBEIRO, S. M., E. P. OMENA & G. MURICY 2003. Macrofauna associated to *Mycale microsigmatosa* (Porifera, Demospongiae) in Rio de Janeiro state, SE Brazil. ---- *Estuarine, Coastal and Shelf Science* 57, 951-959. (Not seen, sadly. ‘Amphipoda were the dominant group, with 61% of all individuals collected.’)

RIEL, M. C. van, G. van de VELDE & A. bij de VAATE 2003. *Pomphorhynchus* spec. (Acanthocephala) uses the invasive amphipod *Chelicorophium curvispinum* (G.O.Sars 1895) as an intermediate host in the river Rhine. ---- *Crustaceana* 76, 241-246.

ROAST, S. D. & M. B. JONES 2003. Morphometrics and gill function in *Gammarus duebeni* (Peracarida: Amphipoda) inhabiting a sewage treatment plant. ---- *Marine Ecology Progress Series* 260, 189-194.

RUFFO, S., J.R.HOLSINGER & T. R. SAWICKI 2003. *Indoweckelia stocki* n.sp. from subterranean waters of northern Oman: the second weckeliid amphipod crustacean (Hadziidae) described from the Middle East (Stygofauna of Oman nr 6). ---- *Bollettino del Museo Civico di Storia Naturale di Verona* 27, 3-11.

SAIGUSA, M., K. OISHI, A. IKUMOTO, H. IWASAKI & M. TERAHMA 2000. Emergence patterns of small subtidal arthropods in relation to day/night, tidal, and surface/bottom factors: Investigations in the Boreal Sea, Japan (Akkeshi, Hokkaido). ---- *Journal of Oceanography* 56, 295-310.

SANCHEZ-JEREZ, P., C. BARBERA-CEBRIAN & A. RAMOS-ESPLA 2000. Influence of the structure of *Posidonia oceanica* meadows modified by bottom trawling on crustacean assemblages: Comparison of amphipods and decapods. -- *Scientia Marina, Barcelona* 64, 319-326. (‘The amphipod community seems to be a strong indicator of the ecological implications of seagrass degradation.’)

SAWICKI, T.R. & J.R.HOLSINGER 2004. Systematics of the subterranean amphipod genus *Bahadzia* (Hadziidae), with description of a new species, redescription of *B. yagerae*, and analysis of phylogeny and biogeography. ---- *Journal of Natural History* 38, 1397-1414. (The new species is *B. caymanensis*--called *caymenensis* almost throughout in this paper--from Grand Cayman island. The genus *Bahadzia* may be paraphyletic.)

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phytoplankton species. ---- *Marine Ecology Progress Series* 237, 79-85. (i.a. *Leptocheirus plumulosus*.)

SCHREIDER, M. J., T. M. GLASBY & A. J. UNDERWOOD 2003. Effects of height on the shore and complexity of habitat on abundances of amphipods on rocky shores in New South Wales, Australia. ---- *Journal of Experimental Marine Biology & Ecology* 293, 57-71.

SEPULVEDA, R., J. M. CANCINO & M. THIEL 2003. The peracarid epifauna associated with the ascidian *Pyura chilensis* (Molina, 1782) (Asciidae: Pyuridae). ---- *Journal of Natural History* 37, 1555-1569.

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SIMCIC, T. & A. BRANCELJ 2003. Estimation of the proportion of metabolically active mass in the amphipod *Gammarus fossarum*. ---- *Freshwater Biology* 48, 1093-1099.

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SNUCINS, E. 2003. Recolonization of acid-damaged lakes by the benthic invertebrates *Stenacron interpunctatum*, *Stenonema femoratum* and *Hyalella azteca*. ---- *Ambio* 32, 225-229.

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STEINAUER, M. L. & B. B. NICKOL 2003. Effect of cystacanth body size on adult success. ---- *Journal of Parasitology* 89, 251-254. (The acanthocephalan *Leptorhynchoides thecatus* in *Hyalella azteca*)

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TOMIKAWA, K., H. MORINO & S. F. MAWATARI 2003. A new freshwater species of amphipod of the genus *Jesogammarus* (Crustacea. Amphipoda: Anisogammaridae) from northern Japan. ---- *Zoological Science, Tokyo* 20, 925-933. (*J. (J.) mikadoi* n.sp. from freshwaters in northern Honshu, Japan.)

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from *Trogloleleupia*, i.e. *Proleleupia* n.gen. for *T. nudicarpus*, and *Paraleleupia* n.gen. for *T. gobabis*. A most thorough biogeographic analysis is also presented.)

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ZEIDLER, W. 2003. A review of the hyperiidean amphipod superfamily Vibilioidea Bowman and Gruner, 1973 (Crustacea. Amphipoda: Hyperiidea). --- Zootaxa 280, 1-104. (This important monographic revision apparently contains several taxonomic changes. The genus *Vibilioides* is revived as a valid monotypic genus. In the genus *Vibilia* 17 species are recognized, i.a. the new species *Vibilia thurstoni* (S Indian Ocean, off S.Africa), and *V. laticaudata* (S. Indian Ocean, off S.Africa). *V. wolterecki* is synonymized with *V. australis*. In

the monotypic Cylopoidae the genus *Cylopus* has two valid species. Likewise, in the monotypic Paraphronimidae *Paraphronima* also has two valid species)

ZHANG, J. & J.R.HOLSINGER 2003. Systematics of the freshwater amphipod genus *Crangonyx* (Crangonyctidae) in North America. ---- *Virginia Museum of Natural History, Memoir 6*, 1-274. A magnum opus, dealing with the following species: *C. shoemakeri*, *C. setodactylus*, *C. minor*, *C. aberrans*, *C. longicarpus* n.sp. (Northampton Co., Virginia), *C. richmondensis* (with the ssp *occidentalis* and *laurentianus*, as well as *C. alpinus*, as junior synonyms), *C. anomalus*, *C. indianensis* n.sp. (Green Co., Indiana), *C. cornutus* n.sp. (Madison Co., Alabama), *C. obliquus*, *C. disjunctus* n.sp. (Isle of Wight Co., Virginia), *C. dearolfi*, *C. grandimanus*, *C. hubrichti* n.sp., (Effingham Co., Illinois), *C. forbesi*, *C. insolitus* n.sp. (Shannon Co., Missouri), *C. gracilis*, *C. barri* n.sp. (Edmonson Co., Kentucky), *C. montanus* n.sp. (Bath Co., Virginia), *C. rivularis*, *C. packardi*, *C. stagnicolous* (sic!) n.sp. (Fairfax Co., Virginia), *C. aka* n.sp. (Pope Co., Arkansas), *C. caecus* n.sp. (Carter Co., Kentucky), *C. ohioensis* n.sp. (Carter Co., Kentucky), *C. acicularis* n.sp. (Sullivan Co., Tennessee), *C. palustris* n.sp. (Isle of Wight Co., Virginia), *C. castellanum* n.sp (Rockcastle Co., Kentucky), *C. hobbsi*, *C. baculispina* n.sp. (Lancaster Co., Virginia), *C. floridanus*, *C. pseudogracilis*, *C. consimilis* n.sp. (Davidson Co., Tennessee), *C. longidactylus* n.sp. (Barren Co., Kentucky), *C. serratus*, *C. antennatus*, *C. specus* n.sp. (Pulaski Co., Kentucky), *C. fontinalis* n.sp. (Bland Co., Virginia), *C. cooperi* n.sp. (Morgan Co., Alabama), *C. lewisi* n.sp. (Jennings Co., Indiana), *C. orientalis* n.sp. (Norfolk Co., Virginia), and *C. bousfieldi* n.sp. (Jefferson Co., Kentucky)

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NEW AMPHIPOD TAXA IN AN 26

A. ALPHABETIC LIST

New families, subfamilies etc.

Amaryllidae Lowry & Stoddart, 2002

Crymostygidae Kristjansson & Svavarsson, 2004

Cystosomatidea Zeidler, 2003

New genera and subgenera:

<i>Anisocallisoma</i> Hendrycks & Conlan, 2003	Scopelocheiridae
<i>Caprellaporema</i> Guerra-Garcia, 2003	Caprellidae
<i>Crymostygius</i> Kristjansson & Svavarsson, 2004	Crymostygiidae
<i>Dehayesorcheszia</i> Ruffo, in Tafani et al., 2004	Talitridae
<i>Jeanjustia</i> Lowry & Myers, 2003	Amathilopsidae
<i>Linguimaera</i> Pirlot, 1936 (rev. by Krapp-Schickel, 2003)	Melitidae
<i>Macroarthrus</i> Hendrycks & Conlan, 2003	Pardaliscidae
<i>Octomana</i> Hendrycks & Conlan, 2003	Pardaliscidae
<i>Paraleleupia</i> Vonk & Schram, 2003	Ingolfiellidae
<i>Protoleleupia</i> Vonk & Schram, 2003	Ingolfiellidae
<i>Sardorchestia</i> Ruffo, in Tafani et al., 2004	Talitridae
<i>Triquetramana</i> Hendrycks & Conlan, 2003	Eusiridae
<i>Vibilioides</i> Chevreux, 1905 (revived by Zeidler, 2003)	Vibiliidae

New species and subspecies:

<i>acicularis</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>aka</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>andanamense</i> (Lepidepecreum) Lowry & Stoddart, 2002	Lysianassidae
<i>andresi</i> (Dikwa) Lörz & Coleman, 2003	Dikwidiae
<i>aculus</i> (Gammarus) Hou & Li, 2003	Gammaridae
<i>armigera</i> (Anisocallisoma) Hendrycks & Conlan, 2003	Scopelocheiridae
<i>aungtonya</i> (Cymadusa) Peart, 2002	Ampithoidae
<i>baculispina</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>bakhteyaricus</i> (Gammarus) Khalayi-Pirbalanty & Sari, 2004	Gammaridae
<i>barri</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>bogombogo</i> (Linguimaera) Krapp-Schickel, 2003	Melitidae
<i>bousfieldi</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>bousfieldi</i> (Platorchestia) Hou & Li, 2003	Talitridae
<i>brevipalpa</i> (Triquetramana) Hendrycks & Conlan, 2003	Eusiridae
<i>caecus</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>caesaris</i> (Linguimaera) Krapp-Schickel, 2003	Melitidae
<i>caledoniana</i> (Iphimedia) Lowry & Myers, 2003	Iphimediidae
<i>campbellensis</i> (Pseudoaeginella) Guerra-Garcia, 2003	Caprellidae
<i>castellanum</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>caymanensis</i> (Bahadzia) Sawicki & Holsinger, 2004	Hadziidae
<i>chalongana</i> (Cymadusa) Peart, 2002	Ampithoidae
<i>chaomai</i> (Cerapus) Lowry & Berents, 2002	Ischyroceridae
<i>cojimarensis</i> (Spathiopus) Ortiz & Lalana, 2002	Melitidae
<i>consimilis</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>cooperi</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>cornutus</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>curvativus</i> (Gammarus) Hou & Li, 2003	Gammaridae
<i>damawan</i> (Iphimedia) Lowry & Myers, 2003	Iphimediidae
<i>dawa</i> (Oradarea) Lowry & Myers, 2003	Eusiridae
<i>decorosus</i> (Gammarus) Meng, Hou & Li, 2003	Gammaridae
<i>delicatissima</i> (Bemlos) Myers, 2002	Aoridae
<i>denticulata</i> (Oedicerina) Hendrycks & Conlan, 2003	Oedicerotidae
<i>dentiurosoma</i> (Metharpinia) Alonso de Pina, 2003	Phoxocephalidae

<i>disjunctus</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>eclimensis</i> (Ampelisca) King, Myers & McGrath, 2004	Ampeliscidae
<i>edgari</i> (Caprella) Guerra-Garcia & Takeuchi, 2004	Caprellidae
<i>electrus</i> (Gammarus) Hou & Li, 2003	Gammaridae
<i>fontinalis</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>fractus</i> (Ischyrocerus) King & Holmes, 2004	Ischyroceridae
<i>franciscae</i> (Hyalella) Gonzalez & Watling, 2003	Hyalellidae
<i>fujinoi</i> (Jesogammarus) Tomikawa & Morino, 2003	Anisogammaridae
<i>garitima</i> (Linguimaera) Krapp-Schickel, 2003	Melitidae
<i>gershwinae</i> (Cystisoma) Zeidler, 2003	Cystisomatidae
<i>glabratus</i> (Gammarus) Hou & Li, 2003	Gammaridae
<i>grandirama</i> (Metharpinia) Alonso de Pina, 2003	Phoxocephalidae
<i>hadromischa</i> (Octomana) Hendrycks & Conlan, 2003	Pardaliscidae
<i>hanoiensis</i> (Floresorchestia) Hou & Li, 2003	Talitridae
<i>hirayamai</i> (Lepidepecreum) Lowry & Stoddart, 2002	Lysianassidae
<i>hubrichti</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>indianensis</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>inermis</i> (Hircella) Guerra-Garcia & Takeuchi, 2004	Phtisicidae
<i>insolitus</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>isaki</i> (Andaniopsis) Berge, 2004	Stegocephalidae
<i>kajiharai</i> (Hyale) Hiwatari, 2003	Hyalidae
<i>kata</i> (Nuuanu) Lowry & Watson, 2002	Melitidae
<i>kellissa</i> (Linguimaera) Krapp-Schickel, 2003	Melitidae
<i>knoxi</i> (Curidia) Lowry & Myers, 2003	Ochlesinae
<i>laticaudata</i> (Vibilia) Zeidler, 2003	Vibiliidae
<i>latimana</i> (Hyale) Hiwatari, 2003	Hyalidae
<i>latirama</i> (Cyphocaris) Hendrycks & Conlan, 2003	Cyphocarididae
<i>ledoyerri</i> (Cymadusa) Peart, 2004	Ampithoidae
<i>leo</i> (Linguimaera) Krapp-Schickel, 2003	Melitidae
<i>lewisi</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>lincolni</i> (Valettiopsis) Horton, 2004	Valettiidae
<i>longicarpus</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>longidactyla</i> (Valettiopsis) Horton, 2004	Valettiidae
<i>longidactylus</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>lordeganensis</i> (Gammarus) Khalayi-Pirbalanty & Sari, 2004	Gammaridae
<i>macquariensis</i> (Stilipes) Berge, 2003	Stilipedidae
<i>maitrensis</i> (Iphimedia) Lowry & Myers, 2003	Iphimediidae
<i>mberensis</i> (Coboldus) Lowry & Myers, 2003	Iphimediidae
<i>meraspinosa</i> (Hyalella) Baldinger, 2004	Hyalellidae
<i>mikadoi</i> (Jesogammarus)	
	Tomikawa, Morino & Mawatari, 2003
<i>minuta</i> (Valettiopsis) Horton, 2004	Anisogammaridae
<i>minutus</i> (Ischyrocerus) Liljeborg, 1851	Valettiidae
	(rev. King & Holmes, 2004)
<i>misakiensis</i> (Hyale) Hiwatari, 2003	Ischyroceridae
<i>mizegwadan</i> (Iphimedia) Lowry & Myers, 2003	Hyalidae
<i>montanus</i> (Crangonyx) Zhang & Holsinger, 2003	Iphimediidae
<i>ninglangensis</i> (Gammarus) Hou & Li, 2003	Crangonyctidae
<i>norae</i> (Glorandaniotes) Berge & Vader, 2003	Gammaridae
<i>nuda</i> (Hyale) Hiwatari, 2003	Stegocephalidae
	Hyalidae

<i>ohioensis</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>orientalis</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>oujdae</i> (Echinogammarus) Fadil & Dakki, 2003	Gammaridae
<i>palustris</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>panwa</i> (Cymadusa) Peart, 2002	Ampithoidae
<i>papua</i> (Pseudoproto) Guerra-Garcia, 2003	Phtisicidae
<i>pauperocovae</i> (Hyalella) Gonzalez & Watling, 2002	Hyalellidae
<i>pedra</i> (Jeanjustia) Lowry & Myers, 2003	Amathillopsidae
<i>phuketensis</i> (Iphimedia) Lowry & Myers, 2003	Iphimediidae
<i>pirloti</i> (Linguimaera) Krapp-Schickel, 2003	Melitidae
<i>platvoeti</i> n.sp. (Gammarus) Hou & Li, 2003	Gammaridae
<i>pseudoazteca</i> (Hyalella) Gonzalez & Watling, 2003	Hyalellidae
<i>quindioensis</i> (Hyalella) Gonzalez & Watling, 2003	Hyalellidae
<i>quokka</i> (Ingolfiella) Gallego-Martinez & Poore, 2003	Ingolfiellidae
<i>rachanoi</i> (Ampithoe) Peart, 2002	Ampithoidae
<i>rachanoi</i> (Iphimedia) Lowry & Myers, 2003	Iphimediidae
<i>rachayai</i> (Wombalano) Myers, 2002	Aoridae
<i>ramonae</i> (Curidia) Lowry & Myers, 2003	Ochlesinae
<i>sabineae</i> (Caprella) Guerra-Garcia & Garcia-Gomez, 2003	Caprellidae
<i>shonaiensis</i> (Jesogammarus) Tomikawa & Morino, 2003	Anisogammaridae
<i>somchaii</i> (Lepidepecreum) Lowry & Stoddart, 2002	Lysianassidae
<i>specus</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>spinipoda</i> (Paracallisoma) Hendrycks & Conlan, 2003	Scopelocheiridae
<i>spinirama</i> (Schisturella) Hendrycks & Conlan, 2003	Uristidae
<i>spongiophila</i> (Pseudokoroga) Lörz & De Broyer, 2004	Tryphosinae
<i>stagnicolous</i> (Crangonyx) Zhang & Holsinger, 2003	Crangonyctidae
<i>stocki</i> (Indoweckelia) Ruffo, Holsinger & Sawicki, 2003	Hadziidae
<i>storeyae</i> (Konatopus) Myers, 2002	Neomegamphopidae
<i>subantarctica</i> (Caprelloporema) Guerra-Garcia, 2003	Caprellidae
<i>takeuchii</i> (Lepidepecreum) Lowry & Stoddart, 2002	Lysianassidae
<i>tasmaniensis</i> (Paraproto) Guerra-Garcia & Takeuchi, 2004	Phtisicidae
<i>tattersalli</i> (Cymadusa) Peart, 2004	Ampithoidae
<i>tegulapodus</i> (Protolembos) Myers, 2002	Aoridae
<i>thingvallensis</i> (Crymostygius) Kristjansson & Svarsson, 2004	Crymostygidiidae
<i>thurstoni</i> (Vibilia) Zeidler, 2003	Vibiliidae
<i>tias</i> (Linguimaera) Krapp-Schickel, 2003	Melitidae
<i>tordi</i> (Metandania) Berge & Vader, 2003	Stegocephalidae
<i>triangulata</i> (Hyale) Hiwatari, 2003	Hyalidae
<i>tuberculata</i> (Orthoprotella) Guerra-Garcia & Takeuchi, 2004	Caprellidae
<i>vemae</i> (Glorandaniotes) Berge & Vader, 2003	Stegocephalidae
<i>victoriae</i> (Macroarthrus) Hendrycks & Conlan, 2003	Pardaliscidae
<i>vidali</i> (Neoischyrocerus) Ortiz & Lalana, 2002	Ischyroceridae
<i>waipoua</i> (Phreatogammarus) Chapman, 2003	'Phreatogammarus-group'
<i>yuyatalay</i> (Cerapus) Lowry & Berents, 2002	Ischyroceridae

B. SYSTEMATIC LIST

Amaryllidae Lowry & Stoddart, 2002
Amathillopsidae

- Jeanjustia pedra*** Lowry & Myers, 2003
- Ampeliscidae**
- Ampelisca eclimensis* King, Myers & McGrath, 2004
- Ampithoidae**
- Ampithoe rachanoi* Peart, 2002
- Cymadusa aungtonya* Peart, 2002
- C. chalongana* Peart, 2002
- C. ledoyer* Peart, 2004
- C. panwa* Peart, 2002
- C. tattersalli* Peart, 2004
- Anisogammaridae**
- Jesogammarus fujinoi* Tomikawa & Morino, 2003
- J. mikadoi* Tomikawa, Morino & Mawatari, 2003.
- J. shonaiensis* Tomikawa & Morino, 2003
- Aoridae**
- Bemlos delicatissima* Myers, 2002
- Protolembos tegulapodus* Myers, 2002
- Wombalano rachayai* Myers, 2002
- Caprellidae**
- Caprella edgari* Guerra-Garcia & Takeuchi, 2004
- C. sabineae* Guerra-Garcia & Garcia-Gomez, 2003
- Capelloporema subantarctica*** Guerra-Garcia, 2003
- Orthoprotella tuberculata* Guerra-Garcia & Takeuchi, 2004
- Pseudoaeginella campbellensis* Guerra-Garcia, 2003
- Crangonyctidae**
- Crangonyx acicularis* Zhang & Holsinger, 2003
- C. aka* Zhang & Holsinger, 2003
- C. baculispina* Zhang & Holsinger, 2003
- C. barri* Zhang & Holsinger, 2003
- C. bousfieldi* Zhang & Holsinger, 2003
- C. caecus* Zhang & Holsinger, 2003
- C. castellanum* Zhang & Holsinger, 2003
- C. consimilis* Zhang & Holsinger, 2003
- C. cooperi* Zhang & Holsinger, 2003
- C. cornutus* Zhang & Holsinger, 2003
- C. disjunctus* Zhang & Holsinger, 2003
- C. fontinalis* Zhang & Holsinger, 2003
- C. hubrichti* Zhang & Holsinger, 2003
- C. indianensis* Zhang & Holsinger, 2003
- C. insolitus* Zhang & Holsinger, 2003
- C. lewisi* Zhang & Holsinger, 2003
- C. longicarpus* Zhang & Holsinger, 2003
- C. longidactylus* Zhang & Holsinger, 2003
- C. montanus* Zhang & Holsinger, 2003
- C. ohioensis* Zhang & Holsinger, 2003
- C. orientalis* Zhang & Holsinger, 2003
- C. palustris* Zhang & Holsinger, 2003
- C. specus* Zhang & Holsinger, 2003
- C. stagnicolous* Zhang & Holsinger, 2003
- Crymostygiidae** Kristjansson & Svavarsson, 2004

- Crymostygius thingvallensis*** Kristjansson & Svavarsson, 2004
- Cyphocarididae
Cyphocaris latirama Hendrycks & Conlan, 2003
- Cystisomatoidea*** Zeidler, 2003
- Cystisomatidae
Cystisoma gershwinae Zeidler, 2003
- Dikwidae
Dikwa andresi Lörz & Coleman, 2003
- Eusiridae
Oradarea dawa Lowry & Myers, 2003
Triquetramana brevipalpa Hendrycks & Conlan, 2003
- Gammaridae
Echinogammarus oujdae Fadil & Dakki, 2003
Gammarus aoculus Hou & Li, 2003
G. bakhteyaricus Khalayi-Pirbalanty & Sari, 2004
G. curvativus Hou & Li, 2003
G. decorosus Meng, Hou & Li, 2003
G. electrus Hou & Li, 2003
G. glabratus Hou & Li, 2003
G. lordeganensis Khalayi-Pirbalanty & Sari, 2004
G. ninglangensis Hou & Li, 2003
G. platvoeti Hou & Li, 2003
- Hadziidae
Bahadzia caymanensis Sawicki & Holsinger, 2004
Indoweckelia stocki Ruffo, Holsinger & Sawicki, 2003
- Hyalellidae
Hyalella franciscae Gonzalez & Watling, 2003
H. meraspinosa Baldinger, 2004
H. pauperocovae Gonzalez & Watling, 2002
H. pseudoazteca Gonzalez & Watling, 2003
H. quindioensis Gonzalez & Watling, 2003
- Hyalidae
Hyale kajiharai Hiwatari, 2003
H. latimana Hiwatari, 2003
H. misakiensis Hiwatari, 2003
H. nuda Hiwatari, 2003
H. triangulata Hiwatari, 2003
- Ingolfiellidae
Ingolfiella quokka Gallego-Martinez & Poore, 2003
Paraleleupia Vonk & Schram, 2003
Protoleleupia Vonk & Schram, 2003
- Iphimediidae
Coboldus mberensis Lowry & Myers, 2003
Iphimedia caledoniana Lowry & Myers, 2003
I. damawan Lowry & Myers, 2003
I. maitrensis Lowry & Myers, 2003
I. mizegwadan Lowry & Myers, 2003
I. phuketensis Lowry & Myers, 2003
I. rachanoi Lowry & Myers, 2003
- Ischyroceridae

- Cerapus chaomai* Lowry & Berents, 2002
C. yuyatalay Lowry & Berents, 2002
Ischyrocerus fractus King & Holmes, 2004
I. minutus Liljeborg, 1851 (revived) King & Holmes, 2004
Neoischyrocerus vidali Ortiz & Lalana, 2002
- Lysianassidae
Lepidepecreum andamanense Lowry & Stoddart, 2002
L. hirayamai Lowry & Stoddart, 2002
L. somchaii Lowry & Stoddart, 2002
L. takeuchii Lowry & Stoddart, 2002
- Melitidae
Linguimaera Pirlot, 1936 (rev. Krapp-Schickel, 2003)
L. bogombogo Krapp-Schickel, 2003
L. caesaris Krapp-Schickel, 2003
L. garitima Krapp-Schickel, 2003
L. kellissa Krapp-Schickel, 2003
L. leo Krapp-Schickel, 2003
L. pirloti Krapp-Schickel, 2003
L. tias Krapp-Schickel, 2003
Nuuuanu kata Lowry & Watson, 2002
Spathiopus cojimarensis Ortiz & Lalana, 2002
- Neomegamphopidae
Konatopus storeyae Myers, 2002
- Ochlesinae
Curidia knoxi Lowry & Myers, 2003
C. ramonae Lowry & Myers, 2003
- Oedicerotidae
Oedicerina denticulata Hendrycks & Conlan, 2003
- Pardaliscidae
Macroarthrus victoriae Hendrycks & Conlan, 2003
Octomana hadromischa Hendrycks & Conlan, 2003
- Phoxocephalidae
Metharpinia dentiuerosoma Alonso de Pina, 2003
M. grandirama Alonso de Pina, 2003
‘Phreatogammarus group’
Phreatogammarus waipoua Chapman, 2003
- Phtisicidae
Hircella inermis Guerra-Garcia & Takeuchi, 2004
Paraproto tasmaniensis Guerra-Garcia & Takeuchi, 2004
Pseudoproto papua Guerra-Garcia, 2003
- Scopelocheiridae
Anisocallisoma armigera Hendrycks & Conlan, 2003
Paracallisoma spinipoda Hendrycks & Conlan, 2003
- Stegocephalidae
Andaniopsis isaki Berge, 2004
Glorandaniotes norae Berge & Vader, 2003
G. vemaee Berge & Vader, 2003.
Metandania tordi Berge & Vader, 2003
- Stilipedidae
Stilipes macquariensis Berge, 2003

Talitridae

Deshayesorcheszia Ruffo, 2004

Floresorcheszia hanoiensis Hou & Li, 2003

Platorcheszia bousfieldi Hou & Li, 2003

Sardorcheszia Ruffo, 2004

Tryphosinae

Pseudokoroga spongiophila Lörz & De Broyer, 2004.

Uristidae

Schisturella spinirama Hendrycks & Conlan, 2003

Valettiidae

Valettiopsis lincolni Horton, 2004

V. longidactyla Horton, 2004

V. minuta Horton, 2004

Vibiliidae

Vibiliia laticaudata Zeidler, 2003

V. thurstoni Zeidler, 2003

Vibiliodes (revived) Zeidler, 2003